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U.S. DEPT. OF AGRICULTURE
WASHINGTON, D. C.

Don't Destroy this Catalogue!

It will Save You 50 Per Cent. at Planting Time.

1902

Tenth Annual Catalogue

—OF—

TESTED GARDEN SEEDS

Tested for Purity, Tested for Vitality.

MANN & CO.,

CAPE VINCENT, - - NEW YORK.

Eagle Print, Cape Vincent, N. Y.

To Our Friends and Customers.

In presenting to you our tenth annual catalogue of seeds we wish to thank you for your patronage in the past, and to solicit a continuance of it in the future. Judging by the reports we receive, our seeds appear to give almost universal satisfaction. Of course we now and again have a complaint, but this is unavoidable, there are so many causes for failure outside of the quality of seeds, that results cannot always be satisfactory. We do know, however, that as a result of our careful selection of stock, our seeds give greater satisfaction than any on the market. We are so assured of this fact that we make the following

GUARANTEE :

We guarantee that all seed sent out by us shall be first-class, TRUE TO NAME and of strong vitality, in so far, that should any prove otherwise we will refund the price paid. Further than this we cannot warrant, but this is a satisfaction given by few other seedsmen, and must convince even those who have never dealt with us, of the confidence we have in our ability to supply **ONLY THE BEST SEEDS.**

PRICES :

Our prices are as low as the best seeds can be sold. All varieties we offer are also put up in regular sized lithographed packets, with full cultural directions on each, AT A UNIFORM PRICE OF THREE CENTS EACH. The quality and quantity in these packets are equal to any sold by other houses at from double to six times the price.

FREE DELIVERY :

At catalogue prices we deliver free all seeds by the packet, ounce, pound, pint or quart. Seeds by the bushel are sent at purchasers' expense.

You will notice our catalogue is not given over to pictures or voluminous and extravagant descriptions. Our customers can rest assured that they will receive the equivalent for the colored plates in the quality and price of seeds purchased.

Our rapidly increasing business is the best proof that the seeds we send out have met with general approval wherever sent, and assuring our customers of our intention to send none but **GENUINE** and **TESTED SEEDS**, we solicit a continuance of their orders.

Yours respectfully,

MANN & CO.

Special List of Choice Vegetable Seeds.

We have endeavored in the following list to draw particular attention to one or two of the very best varieties for family use in every class. Our selections are based upon careful and repeated personal tests, and, while in some localities other varieties may do better, we feel assured that as a general rule, an assortment from the varieties especially noticed will give unqualified satisfaction.

ASPARAGUS.

For the south sow in the fall, north of Washington in the early spring, thin out leaving the strongest plants three inches apart in the rows. When a year old set out in rich sandy loam (which has been worked at least eighteen inches deep with plenty of well rotted manure) in beds five feet wide, rows twelve inches apart, setting the roots six inches below the surface. This seed is a long time germinating and should be soaked in tepid water for twenty-four hours before planting.

✓ **Palmetto**, much earlier, a better yielder and more even and regular in growth than any other variety and equally well adapted for all localities north or south, its quality is unsurpassed. Per packet 3c., per ounce 10c., per pound \$1.

✓ **Conovers Colossal**. Per packet 3c., per ounce 8c., per pound 40c.

BEANS.

For neighborhood of New York plant any time after May 1st; in other latitudes when the temperature averages about 60 deg., in rows eighteen inches apart, the beans three inches apart in the rows. Pole varieties should be sown a week or ten days later in hills four feet apart each way, four or five beans to a hill.

✓ **Curries Rust Proof Wax**. This variety is well worthy of its name, having proved itself since its introduction entirely rust proof, while other wax varieties grown side by side with it have rusted badly. It is unequalled for productiveness, with pods six to eight inches long, rich, golden color and very tender. To those who have never tried this bean, we unhesitatingly recommend it as the finest wax bean in cultivation. Everyone should plant a row of it. Per packet 3c., per pint 25c., per quart 50c., per bus. \$6.

Improved Extra Early Valentine. The earliest green podded bean, fit to pick five weeks from planting. Pods very thick and fleshy and almost entirely stringless, decidedly the best of its class. Per packet 3c., per pint 20c., per quart 40c., per bus. \$4.50.

✓ **Golden Butter Pole**, very early and prolific., commences bearing in July and continues until frost. Pods are six inches long and of a bright golden yellow, delicious flavor; can be used either as a string bean or shelled. Per packet 3c., per pint 25c., per quart 50c., per bus. \$6.



✓ **Rogers' Lima Wax**. The pods are the broadest of all wax bush beans, color transparent glossy yellow lemon wax, having the yellow waxy appearance very soon after the pods are formed. When picked will retain their bright, attractive appearance for a long time and not become tough. Quality very tender, juicy, and flavor delicate, delicious. Per pint 30c., per quart 50c.

BEEETS.

Cultivation has more effect in the quality of this than of almost any other vegetable. To be sweet and tender it must be grown quickly, a result that can only be obtained by having the soil worked deep, made light and rich by liberal application of well-rotted manure. The beet will grow in almost any soil, but to its greatest perfection in a deep, sandy loam. Sow in drills fourteen to sixteen inches and thin out to six inches in a row.

✓ **Columbia**. This distinct new beet is early, of fine quality and great uniformity, both in roots and neat, handsome foliage, being of turnip shape,

with smooth, clean skin and deep, blood-red flesh. It is as early as the Eclipse and of much better quality. A very valuable market-gardeners variety. Per oz. 10c., per lb. 50c.

✓ **Early Blood Turnip.** (Dewing's Improved.) An excellent strain, of large size, smooth, deep blood red, one of the best for summer or winter, for home use or market. Per packet 3c., per ounce 5c., per lb. 40c.

BROCCOLI.

Cultivate in all respects the same as Cauliflower, in deep, rich soil, should be set out as early as possible, as it needs a long season to mature.

✓ **Purple Cape and White Cape,** per packet 3c., per ounce 20c., per lb. \$1.50.

BRUSSELS SPROUTS.

A variety of Cabbage and needs the same cultivation. The sprouts, which grow close in to the stalk, should be cut when about the size of walnuts and make a delicious vegetable.

✓ **Best French and Improved Dwarf,** per packet 3c., per ounce 15c., per lb. \$1.50.

CABBAGE.

Time of sowing must depend mainly on latitude; as a rule, however, for early varieties sow in the hot-bed in February, and transplant as soon as ground can be worked, in rows two feet apart and twelve to eighteen inches in the rows. For late varieties sow in May and transplant in July. The best soil is a heavy loam, well ploughed and well manured.

✓ **Henderson's Early Spring.** The earliest flat-headed Cabbage, coming in with the Wakefield and yielding more than any other early variety. Few outside leaves and wonderfully solid when young. Per oz. 25c., per lb. \$2.50.

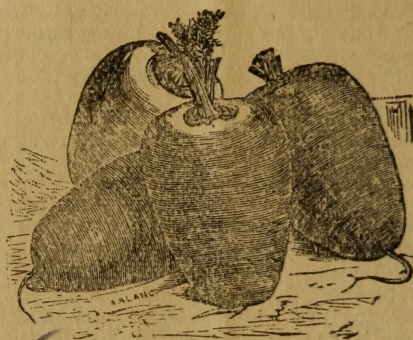
✓ **The Charleston, or Large Wakefield.** This variety has become so justly popular in all sections as hardly to require description. It is unquestionably the finest extra early cabbage, very solid, pointed heads, half as large again as the old type Wakefield. Our seed is raised from selected heads. Per packet 3c., per oz. 25c., per lb. \$3.

✓ **Improved Jersey Wakefield.** Undoubtedly the finest early Cabbage; pointed heads, very solid and uniform in growth, outside leaves thick and

heavy, enabling it to stand more cold weather than any other variety. Per oz. 30c., per lb. \$3.

CARROT.

Sow as early as ground can be worked; or, for late crop, until latter part of July; for main crop, sow from the middle of May to the 1st of July. Thin out early crop to five inches in a row; main crop six to seven inches; the rows ten inches apart for early crop, fourteen for main crop. Hoe often and deeply between the rows. Soil should be richly manured and deeply dug.



✓ **Guerande or Oxheart.** A perfectly distinct variety, 5 to 6 inches long, good flavor, tender, quick grower. Small core, often weighs a pound and over, for family use it is unsurpassed. Per packet 3c., per oz. 10c., per lb. 80c.

✓ **Improved Long Orange.** For an all round carrot, no doubt this is the best, equally as good for stock feeding or for table use. It is so well and favorably known that it needs no description. Per packet 3c., per oz. 10c., per lb. 75c.

CAULIFLOWER.

Cultivate the same as Cabbage, but requires more manure and more moisture. When heading, tie the outside leaves over the top to protect from the sun.

✓ **Extra Early Snowball.** This superb variety has become deservedly popular throughout the country. It is so sure a header, that it can be grown quite as easily as Cabbage. Fine close grain and as white as snow. Plants set out April 1st will produce compact large heads by the middle of June. Per packet 3c., per oz. \$2.50, per lb. \$30.

CELERY.

Sow early in spring in a moist situation, covering the seed very slightly, cut off the tops to secure stocky plants, and transplant into shallow trenches; earth up firmly from time to time to blanch the stems.

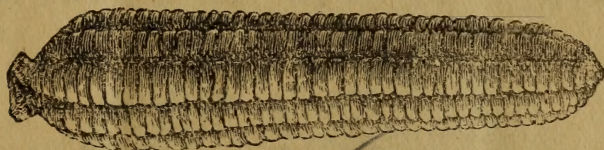
✓ **Henderson's White Plume.** Is the earliest celery known, crisp, solid and of a fine nutty flavor, presenting a handsome appearance on the table. Very easy to cultivate. Per oz. 20c., per lb. \$2.50.

✓ **Golden Self-Blanching.** Same as above in all respects, except color, being a rich, golden yellow, very crisp, solid and attractive and a good keeper. Per oz. 25c., per lb. \$3.50.

✓ **Pink Plume.** Identical with the well-known White Plume, but with the added merit of the stalks being exquisitely suffused with pink and possessing the crispness, rich, nutty flavor, and long keeping qualities for which red celeries are noted. Per oz. 25c., per lb. \$2.50.

CORN.

Sow when all danger from frost is over, either in hills three feet apart each way or in rows three feet apart and eight to ten inches in the row.



Country Gentleman. Without exception the sweetest and most tender of all varieties, retaining its succulence longer than any other kind, ears not so large and showy as the coarser varieties, but this is counterbalanced by its perfect quality and wonderful productiveness. Per packet 3c., per pint 20c., per quart 30c., per bus. \$4.

Henderson's Sugar. Pure white grain of a remarkably sweet and rich flavor, ripening about ten days earlier than Stowell's Evergreen. Per packet 3c., per pint 20c., per quart 30c., per bus. \$3.50.

DANDELION.

Sow in the early spring in rows eighteen inches apart; thin out the plants to twelve inches in the row.

✓ **Improved Large Thick Leaf.** This variety is the true imported stock, and

must not be confounded with the ordinary seed sold often under this name. In appearance it is very similar to Endive, and can be blanched quite as readily, making a delicious salad. Per packet 3c., per ounce 40c., per pound \$4.

EGG PLANT.

Sow in March or April in the hot-bed or house, and transplant into the open ground about the time of corn planting. Set the plants three feet apart each way.

✓ **New York Improved Purple.** This is without exception the best variety for either family or market purposes, of large size, skin dark purple, flesh white and of excellent flavor. Our seed is extra selected and of superior quality. Per packet 3c., per ounce 35c., per pound \$3.50.

ENDIVE.

Sow in June or July, and when up an inch or two transplant to one foot apart each way. Keep clear of weeds until the plant has grown to its full size, and the process of blanching begins by gathering up the leaves and tying them together. The simplest means of excluding the light will suffice to blanch them thoroughly.

Model Prize Curled, a distinct and excellent variety, the entire leaf being prettily and finely serrated; of neat habit, very tender, forming good solid heads. A decided improvement on the old and coarser kinds. Per packet 3c., per ounce 15c., per pound \$1.50.

KALE OR BORECOLE.

Sow and cultivate exactly like cabbage; all varieties are very hardy and improved by frost.

✓ **Ostrich Plume,** of dwarf, upright, compact habit, forming dense heads of beautifully curled and exquisitely fringed green leaves. A most distinct and desirable variety, tender and of delicate flavor; also highly ornamental for garnishing. Per packets 3c., per ounce 10c., per pound \$1.00.

KOHL-RABI.

For an early crop start in hot-bed and treat the same as early cabbage; if for late crop sow in June or July. Remove the plants early in the fall and store for winter use, the same as turnips.

✓ Early White Vienna. Largely grown in Europe, where it is highly esteemed, both as a table vegetable and for stock feeding. Bulb greenish white; rapid grower, fine in texture and symmetrical in form. Per packet 3c., per ounce 15c., per pound \$1.50.

CUCUMBER.

Sow in the open ground when the weather is settled and warm in rich, sandy loam in hills three to four feet a part each way, eight or ten seeds in a hill; when firmly established, thin out to two or three of the strongest plants.

✓ Improved Long Green. Produced by selection from the Long Green. Vines vigorous and productive, forming fruit fit for the table nearly as early as the shorter sorts, fruit about twelve inches long, firm and crisp. The young fruit makes one of the best of pickles and when ripe it is the best of any for sweet pickles. Per ounce 10c., per pound 60c.

✓ Cool and Crisp. One of the earliest and most prolific of pickling cucumbers, also useful for slicing, being exceedingly tender and crisp. Per packet 3c., per ounce 10c., per pound \$1.00.

LEEK.

Sow early in the spring in drills one inch deep and one foot apart. When six or eight inches high, transplant in rows ten inches apart each way; use plenty of manure to grow to large size.

✓ Champion Flag. This splendid strain is the largest in cultivation and invariably takes first prize wherever exhibited. It is perfectly hardy, of superior quality and mild flavor. Per Packet 3c., per ounce 15c., per pound \$1.50.

LETTUCE.

For early use sow in hot beds in February, for later use sow in open ground as soon as it can be worked, and every two or three weeks for succession, in drills twelve inches apart and thin out to ten inches between the plants.

✓ Denver Market. A splendid variety of head lettuce either for forcing or open ground. It forms large solid heads and is very slow to run to seed; the leaves are beautifully curled and



✓ Thorburn's Ever-Bearing. Introduced two or three years ago, this variety has attracted universal attention. As its name indicates, its chief merit lies in its ever-bearing qualities, each vine bearing fruit in all stages of development, also buds and flowers, at the same time, continuing to bear until killed by frost. Per packet 3c., per ounce 10c., per pound 75c.

crimped like the Savoy Cabbage, and are very crisp and tender and of excellent flavor. Entirely distinct in appearance from any other variety. Per packet 3c., per ounce 15c., per pound \$1.50.

✓ New Iceberg. There is no handsomer or more solid Cabbage Lettuce in cultivation—in fact it is strikingly beautiful. The large, curly leaves

which cover the outside of the solid heads are of a bright light green. It matters not whether in the early spring or the hottest days of summer, the leaves are always crisp and tender. Per ounce 15c., per pound \$1.50.

MUSTARD.

Sow in April thickly in rows and cut when two to three inches high. For use during the winter, it may be sown in succession in boxes, in green houses or in frames.

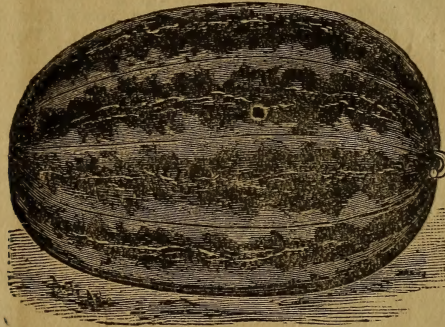
✓ Giant Southern Curled. Early and ornamental. Per packet 3c., per ounce 10c., per pound \$1.00.

✓ Black or White, each 3c. per packet, 75c.

MELON, WATER.

Water Melons require the same conditions for their perfect development, except that the hills should be twelve feet apart. Choose the warmest situation for all kinds of Melons.

✓ The Dixie. Combining the rich, luscious flavor of the old Mountain Sweet and the excellent shipping qualities of the Klob Gem, this Melon has, since its introduction two years ago become wonderfully popular. It attains an immense size with deep scarlet flesh, sweet and melting. Per packet 3c., per ounce 10c., per pound 75c.



5c. per ounce, 30c. per pound.

MELON, MUSK.

All melons thrive best in a light, sandy soil. Sow Musk Melon seed after all danger of frost is past and the ground is warm and dry, plant in hills six feet apart each way, ten seeds in a hill. When the plants have made the second pair of leaves thin out to four in a hill. Should insects appear, treat with Paris Green, the same as cucumbers.

✓ Delmonico. The most delicious Musk Melon ever introduced, flesh a beautiful orange pink, skin a bright yellow, heavily netted, flavor sweet, melting and a luscious, prolific bearer. All lovers of good canteloupes should try a packet of this. Per packet 3c., per ounce 10c., per pound \$1.

✓ The Banquet. Medium size perfectly round and not ribbed, thus distinguishing it from other varieties. Flesh a deep salmon color, with very small seed cavity and flavor of the best. Per packet 3c., per ounce 10c., per pound \$1.00.

— Green and Gold. The only really good, yellow fleshed Water Melon in cultivation, delicious flavor and very attractive for the table, very thin rind. Per packet, 3c., per ounce 10c., per pound 75c.

NASTURTIUM, OR INDIAN CRESS.

Sow as soon as all danger of frost is past, in drills about an inch deep. The tall kinds require fences or poles on which to climb for support. If left to trail upon the ground the fruit is apt to be injured. Select the poorest soil in the garden and do not manure.

Tall Mixed. Per packet 3c., per ounce 10c., per pound \$1.25.

Dwarf Mixed. Per packet 3c., per ounce 10c., per pound \$1.25.

OKRA, OR GUMBO,

This plant will grow anywhere in the garden. Plant in hills two or three feet apart, and thin out to a single plant.

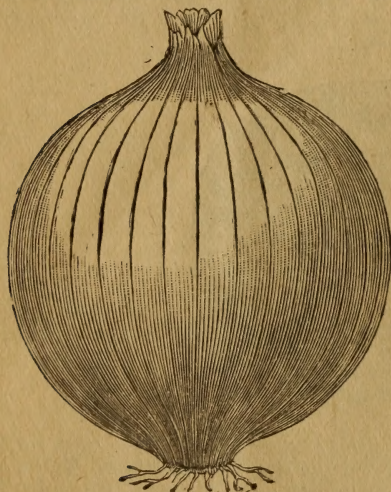
✓ White Velvet. Distinct appearance

from all other sorts, superior flavor and tenderness. Per packet 3c., per ounce 10c., per pound 75c.

ONION.

Sow in rich, sandy soil, in drills one foot apart, as soon as the ground can be worked in spring. Thin out to three or four inches, using the rake or hoe frequently to keep down the weeds.

✓ **Mammoth Prizetaker.** The enormous size and attractive appearance of this onion entitle it to the front rank



either for table or exhibition purposes. It is globe shaped, of a bright straw color, often weighing 4 to 5 pounds, an excellent keeper, of fine flavor, and unsurpassed for family or market use. Per packet 3c., per ounce 20c., per pound \$2.00.

✓ **White Pearl.** Delicate, pure, white



skin, flesh very mild and pleasant in

flavor. The best onion grown for pickling. Per packet 3c., per ounce 25c., per pound \$2.50.

✓ **Red Weathersfield.** This old and well-known variety is undoubtedly the best of the reds. Immense crops of this are grown for shipment, and it certainly is one of the best for market. Our seed is specially selected from large and perfect shaped bulbs. Per packet 3c., per ounce 15c., per pound \$1.50.

PARSLEY.

Requires a fresh, deep soil. The seed is slow to germinate, and should be given most favorable conditions. Sow in rows one foot apart and half an inch deep. For winter use a few plants placed in a box in the cellar will give a supply.

✓ **Champion Moss Curled.** Perfectly distinct from all others. Highly decorative in the garden, while for garnishing it is unsurpassed. When once tried no other variety will be grown. Per packet 3c., per ounce 10c., per pound 80c.

PARSNIP.

Make the soil very fine and plant early in rows eighteen inches apart, thinning plants to five inches in the rows. The seed should be planted $\frac{1}{2}$ inch deep. To keep well in the ground over winter, draw a little earth over the tops.

✓ **Magnum Bonum.** A greatly improved selection of the Hollow Crown, producing long and smooth roots, free from side shoots; very tender. Per packet 3c., per ounce 10c, per pound 75c.

PEAS.

For an early crop sow as soon as the frost is out of the ground, in light rich soil, and every two weeks after for succession. For private use double rows 8 inches apart are preferable; for market single rows 2 and 3 feet apart. Fresh manure should be avoided, as it has a tendency to make the vines rank and tall.

✓ **Nott's Excelsior.** Surpassing in earliness, yield and quality. The most valuable of all extra early dwarf wrinkled peas. Ready for the table in forty days from time of planting, only a few days later than the early round sorts. It grows about 14 inches high.

It is of vigorous constitution and each way, four seeds in a hill. In wonderfully productive. Per pint 20c., other respects cultivate in the same manner as melons and cucumbers. Per quart 40c.



First and Best. The earliest round, white pea in cultivation, pods of fine shape, larger and better filled than any other extra early variety, containing from six to nine peas of excellent flavor, hardy and very productive. Per packet 3c., per pint 20c., per quart 40c., per bushel \$4.00.

PEPPER.

Sow in hotbeds in March, and when the soil has become warm, set in rows two feet apart and eighteen inches in the rows; hoe frequently and keep down all the weeds. The plants may also be forwarded in small pots.

Ruby King. The peppers are of a bright ruby red color and large size. The plant is of strong bushy habit, producing from six to twelve perfect fruit. Its flavor is remarkably mild and it can be sliced and eaten raw like tomatoes or cucumbers. Per packet 3c., per ounce 25c., per pound \$2.50.

Chili. Red conical pods about two inches long, very hot, fine for pepper sauce or seasoning. Per packet 3c., per ounce 20c., per pound \$2.00.

PUMPKIN.

May be planted middle of spring among Indian corn or in the field or garden, in hills eight or ten feet apart

Avoid planting them near other vines.



Mammoth. Grows to an enormous size, three feet or more in diameter, and weighing from one to two hundred pounds, salmon colored skin, flesh bright yellow, fine grained and of fine quality. Per packet 3c., per ounce 10c., per pound \$1.00.

RADISH.

To be good must be grown quickly. Select a sheltered position, with light sandy soil, and sow in drills ten inches apart; thin out to two inches in the row. For succession sow every two weeks.

Rosy Gem. One of the very earliest

in cultivation. Shape, a perfect globe, with deep scarlet top, blending into pure white at the bottom; exceedingly tender, crisp and delicious, never becoming pithy; very desirable for forcing, being fit to pull in three weeks from sowing. Should be planted by every one. Per packet 3c., per ounce 10c., per pound 75c.



French Breakfast. A beautiful oval-shaped scarlet, white tipped variety of quick growth, not only one of the best for forcing but for garden culture or home use it is not excelled; remarkably crisp, tender and finely flavored. It is one of the earliest varieties in cultivation.

SALSIFY OR OYSTER PLANT.

The oyster plant succeeds best in light, well-enriched, mellow soil, which previous to sowing the seeds should be stirred to a depth of eighteen inches. Sow early in spring in drills fifteen inches apart; cover the seeds with fine soil an inch and a half in depth, and when the plants are strong enough thin out to six inches apart.

Mammoth Sandwich Island. A new and improved type, producing roots of nearly double the size and weight of the old variety and of equally good quality. Extensively grown for all our markets, entirely superceding the old sort. Per packet 3c., per ounce 10c., per pound \$1.00.

SPINACH.

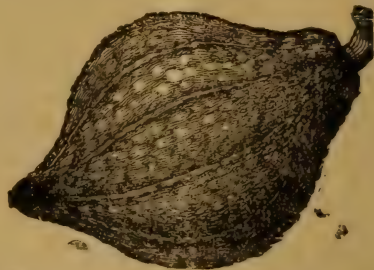
Sow in early spring in drills a foot apart, every two weeks for succession; and as it grows thin out for use. For fall use sow in August, and for winter crop in September. Cover that which is left out over winter with straw or leaves after the weather becomes quite cold.

Mette's Crumpled Leaf. Produces large dark green leaves, netted similar to the leaves of rhubarb, and possesses the good quality of standing in edible condition a long time before running to seed. Per packet 3c., per ounce 8c., per pound 50c.

SQUASH.

Sow and treat the same as melons, the bush varieties four feet apart, the running kinds eight feet apart.

Mammoth White Bush. A greatly improved strain of the old "Patty Pan," producing fruit twice the size, without losing any of the delicious buttery flavor of its parent. Vines strong and of bushy habit. Per packet 3c., per ounce 10c., per pound 60c.



Improved Hubbard. This old favorite is, in spite of all recently introduced rivals, still the standard, and undoubtedly the best winter squash. Flesh fine-grained, dry and a good keeper; grows to a large size. Per packet 3c., per ounce 10c., per pound 60c.

TOMATO.

Sow in the hot bed or in boxes in a warm room in February; soon as all danger of frost is over transplant in open ground to hills 4 feet apart each way.

The Triumph. This new tomato of our introduction is undoubtedly a triumph over all other known sorts, its perfect shape, splendid deep coloring and wonderful productiveness, combined with its excellent flavor,

render it the finest tomato either for exhibition or table purposes. A few plants of this choice novelty should be in every garden. Per packet 3c., per ounce 25c., per pound \$2.50.



Livingstone's New Stone. The name of the introducer is sufficient warrant of the merits of this new tomato. It bears bright scarlet fruit, very large and smooth, ripening evenly to the stem without a crack, exceedingly solid and firm and of excellent flavor. Per packet 3c., per ounce 25c., per pound \$2.50.

TURNIPS.

For early use sow as soon as ground can be worked; for winter use from middle of July to end of August in drills 12 inches apart, thin out to six inches apart in the row. The Ruta Bagas should be 9 inches apart.

Early Snowball. One of the best sorts for early sowing; crisp, tender and very sweet; medium size, round and pure white. Per ounce 10c., per pound 50c.

Purple Top Munich. The earliest variety in cultivation, flat, of medium size, with a bright purple top, grows very compact with an exceedingly small top. Per packet 3c., per ounce 10c., per pound 60c.

HERBS.

Anise, Coriander, Balm, Dill Basil, Fennel, Caraway, Horehound, Marjoram, Sage, Summer Savory, Thyme, all 3c. per packet.

Evergreen Lawn Grass Seed.

Under this name we put up in attractive packages a combination of the purest grass and clover seeds, blended in proportions which our long experience and numerous tests have proved to be the best for producing a thick carpet-like lawn of unsurpassed color, and springy to the tread. Next to the purity of the seed, the preparation of the ground is of the greatest importance in the formation of a lawn. Plough deeply, having at least six inches of good soil on top, thoroughly harrow or rake, grading to an even surface, firm with a roller, and after lightly raking again, sow the seed thickly and evenly. Then roll heavily. As soon as the grass is firmly established, cut frequently, and after each cutting use the roller. One quart of seed is sufficient for a plot 15x20 feet. Per pint 15c., per quart 25c., per bushel \$3.00.

White Dutch Clover per pound 40c.

Complete List of Vegetable Seeds.

Prices quoted include free delivery on ounces, pounds, pints, and quarts. On bushel prices the purchaser pays the freight.

	Per pkt.	Per oz.	Per lb.
✓ ASPARAGUS—Palmetto	3	10	60
✓ Conover's Colossal	3	08	50
	Per pkt.	Per pt.	Per qt.
✓ BEANS—Wax Podded Bush Varieties	3	25	40
✓ Currie's Rust Proof Wax	3	20	40
✓ Golden Wax	3	20	40
✓ Black Wax	3	20	40
✓ White Wax	3	20	40
✓ Kidney Wax	3	25	50

BEANS—Wax Podded Bush Varieties	Per pkt.	Per oz.	Per lb.
✓ Flageolet Wax	3	20	40
✓ Pink Eyed Wax	3	20	40
✓ Roger's Lima Wax	3	25	50
GREEN PODDED BUSH VARIE-			
TIES—			
✓ Improved Valentine	3	20	40
✓ Early Six Weeks	3	20	40
✓ Early Mohawk	3	20	40
✓ Improved Refugee	3	20	40
✓ China Red Eye	3	20	40
✓ Dwarf Horticultural	3	20	40
POLE OR RUNNING VARIETIES			
✓ Golden Butter Pole	3	25	50
✓ Southern Prolific	3	25	40
✓ Scarlet Runners	3	25	50
✓ Horticultural Pole	3	25	40
✓ Large White Limas	3	25	50
BEETS—Table Sorts—	Per pkt.	Per oz.	Per lb.
✓ Columbia	3	10	50
✓ Henderson's Half Long	3	8	50
✓ Early Egyptian	3	8	50
✓ Dewing's Blood Turnip	3	8	50
✓ Early Blood Turnip	3	8	50
✓ Bassano	3	8	50
✓ Long Smooth Blood	3	8	50
✓ Swiss Chard	3	8	50
MANGELS—Red Globe	3	8	40
✓ Mammoth Long Red	3	8	40
✓ Golden Tankard	3	8	40
✓ Yellow Globe	3	8	40
✓ Vilmorin's Sugar	3	8	40
✓ Lane's Imperial Sugar	3	8	40
✓ Klein Wanzleben	3	8	40
✓ White French Sugar	3	8	40
BROCCOLI—Purple Cape	3	30	3 00
✓ White Cape	3	30	3 00
BRUSSELS SPROUTS—Best French	3	20	2 00
✓ Improved Dwarf	3	20	2 00
CABBAGE—Mann's Columbia	3	25	2 50
✓ The Charleston	3	25	3 00
✓ Extra Early Express	3	15	2 00
✓ Jersey Wakefield	3	25	3 00
✓ Early Summer	3	15	2 00
✓ World Beater	3	25	3 00
✓ Short Stem Drumhead	3	15	2 00
✓ All Seasons	3	15	2 00
✓ Premium Fat Dutch	3	15	2 00
✓ Premium Drumhead Savoy	3	15	2 00
✓ Burpee's All Head	3	25	2 50
✓ Henderson's Early Spring	3	25	2 50
✓ Large Late Drumhead	3	20	2 00
✓ Henderson's Succession	3	20	2 00
CABBAGE—Mammoth Rock Red	3	25	3 00
CARROT—Guerande or Oxheart	3	10	80
✓ Improved Long Orange	3	10	75
✓ Danvers	3	10	75
✓ Early Scarlet Horn	3	10	75
✓ French Forcing	3	10	80
✓ Half Long Nantes	3	10	75
✓ Mammoth White for Cattle	3	8	60
✓ White Belgian for Cattle	3	8	60
✓ Yellow Belgian for Cattle	3	8	60

	Per pkt.	Per oz.	Per lb.
CAULIFLOWER			
✓ Extra Early Snowball	3	2 50	30 00
✓ Early Dwarf Erfurt	3	2 00	20 00
✓ Early London	3	50	6 00
✓ Autumn Giant	3	50	6 00
✓ Large Late Algiers	3	50	6 00
✓ CELERY—Henderson's White Plume	3	20	2 50
✓ Golden Self Blanching	3	25	3 50
✓ Pink Plume	3	25	2 50
✓ Giant Pascal	3	20	1 50
✓ Crawford's Half Dwarf	3	15	1 50
✓ Golden Heart	3	15	1 50
✓ Boston Market	3	10	1 50
✓ COLLARDS—True Georgia	3	10	1 25
CORN—Sweet or Sugar	Per pkt.	Per pt.	Per qt.
✓ First of All	3	20	30
✓ Country Gentleman	3	20	30
✓ Henderson's Sugar	3	20	30
✓ Early White Cory	3	20	30
✓ Early Minnesota	3	20	30
✓ Perry's Hybrid	3	20	30
✓ Early Crosby	3	20	30
✓ Early Eight Weeks	3	20	30
✓ Stowell's Evergreen	3	20	30
✓ Black Mexican	3	20	30
✓ Late Mammoth	3	20	30
✓ Early Mammoth	3	20	30
✓ Early Red Cory	3	20	30
CORN SALID OR FETTICUS	Per pkt.	Per oz.	Per lb.
✓ Large Seeded	3	8	60
✓ CRESS—Tripple Curled	3	8	60
CUCUMBER			
✓ Early Frame or Short Green	3	10	60
✓ Thornburn's Everbearing	3	10	70
✓ Cool and Crisp	3	10	60
✓ Early Green Cluster	3	10	70
✓ Extra Early Green Prolific	3	10	70
✓ Improved White Spine	3	10	70
✓ Improved Long Green	3	10	70
✓ Livingstone's Evergreen	3	10	70
✓ Nichol's Medium Green	3	10	70
✓ Boston Pickling	3	10	70
✓ DANDELION—Large Leaved	3	40	4 00
✓ EGG PLANT—New York Purple	3	35	3 50
✓ Black Pekin	3	25	3 00
✓ ENDIVE—Model Prized Curled	3	15	1 50
✓ Broad Leaved Batavian	3	15	1 25
✓ White Curled	3	15	1 25
✓ KALE—Ostrich Plume	3	10	1 00
✓ Brown German	3	10	80
✓ Siberian	3	10	75
✓ Tall Scotch Curled	3	10	75
✓ KOHL-RABI—Early White Vienna	3	15	1 50
✓ Early Purple	3	15	1 50
✓ LEEK—Champion Flag	3	15	1 50
✓ LETTUCE—Denver Market	3	15	1 50
✓ New Iceburg	3	15	1 50
✓ Golden Beauty	3	10	1 00
✓ Big Boston	3	10	1 00
✓ Buttercup	3	10	1 00
✓ Black Seeded Simpson	3	10	1 00
✓ Early Curled Simpson	3	10	1 00
✓ Golden Stonehead	3	10	1 00
✓ Salamander	3	10	1 00

LETTUCE—	Per pkt.	Per oz.	Per lb.
✓ Celery or Trianon Co.'s	3	10	1 00
✓ Hansen	3	10	1 00
✓ Boston Market	3	10	1 00
✓ New York Head	3	10	1 00
✓ Prize Head	3	10	1 00
✓ White Summer Cabbage	3	10	1 00
✓ MELON, MUSK—Delmonico	3	10	75
✓ The Banquet	3	10	75
✓ Extra Early Hackensack	3	8	60
✓ Princess	3	10	60
✓ The Osage	3	10	60
✓ Green Citron Nutmeg	3	8	60
✓ Netted Beauty	3	10	60
✓ Emerald Gem	3	10	60
✓ Jenny Lind	3	8	60
✓ Champion Market	3	8	60
✓ Prolific Nutmeg	3	8	60
✓ Improved Cantaloupe	3	8	60
✓ MELON, WATER—The Dixie	3	10	75
✓ Green and Gold	3	10	75
✓ Hungarian Honey	3	10	60
✓ Ruby Gold	3	10	60
✓ Cuban Queen	3	8	60
✓ Georgia Rattlesnake	3	8	60
✓ Kolb's Gem	3	8	60
✓ Mammoth Ironclad	3	8	60
✓ Vick's Early	3	8	60
✓ Ice Cream	3	8	60
✓ Colorado Preserving	3	8	60
✓ MUSTARD—Giant Southern Curled	3	10	1 00
✓ Black	3	5	30
✓ White	3	5	30
✓ NASTURTIUM—Tall Mixed	3	10	1 25
✓ Dwarf Mixed	3	10	1 25
✓ OKRA—White Velvet	3	10	75
✓ ONION—Mammoth Prizetaker	3	20	2 00
✓ White Pearl	3	25	2 50
✓ Red Wethersfield	3	15	1 50
✓ Red Globe	3	20	2 00
✓ Yellow Danvers	3	15	1 50
✓ Yellow Globe Danvers	3	15	1 75
✓ Southport Yellow Globe	3	20	2 00
✓ White Portugal	3	25	3 00
✓ White Globe	3	25	2 75
✓ Philadelphia Silverskin	3	25	2 75
✓ Giant Rocea	3	15	1 50
✓ New Queen	3	20	2 00
✓ Red Bermuda	3	25	2 00
✓ PARSLEY—Champion Moss Curled	3	10	80
✓ Fern Leaved	3	10	75
✓ PARSNIP—Magnum Bonum	3	10	75
✓ Hollow Crown	3	8	60
✓ Long Smooth	3	8	60
PEAS—	Per pkt.	Per pt.	Per qt.
✓ First and Best	3	20	40
✓ American Wonder	3	25	50
✓ Nott's Excelsior	3	30	60
✓ Alaska	3	20	40
✓ Rural New Yorker	3	20	40
✓ Premium Gems	3	30	60
✓ Advancers	3	20	40
✓ Champion of England	3	20	40
✓ Abundance	3	20	40

PEAS—	Per pkt.	Per pt.	Per qt.
✓ Long Island Mammoth	3	25	50
✓ Prince of Wales	3	25	50
✓ Black Eyed Marrowfat	3	20	40
PEPPER—	Per pkt.	Per oz.	Per lb.
✓ Ruby King	3	25	2 50
✓ Chili	3	20	2 00
✓ Golden Dawn	3	20	2 00
✓ Bell or Bull Nose	3	20	2 00
✓ Celestial	3	20	2 00
✓ Long Red Cayenne	3	20	2 00
✓ PUMPKIN—Mammoth	3	10	1 00
✓ Large Cheese	3	8	75
✓ Cashaw	3	8	75
✓ Connecticut Field	3	8	40
✓ RADISH—Rosy Gem	3	10	75
✓ Early White Turnip	3	10	75
✓ Early Scarlet Turnip	3	8	60
✓ Vick's Scarlet Globe	3	8	60
✓ Long Scarlet	3	8	60
✓ Chartier	3	8	60
✓ White Vienna	3	8	60
✓ Round Black Spanish	3	8	60
✓ Chinese Rose Winter	3	8	60
✓ California White Winter	3	8	60
✓ French Breakfast	3	10	75
✓ SALSIFY—Sandwich Islands	3	15	1 50
✓ SPINACH—Mette's Crumpled Leaf	3	8	50
✓ Round Thick Leaf	3	8	40
✓ Bloomsdale Savoy	3	8	40
✓ SQUASH—Mammoth White Bush	3	10	60
✓ Improved Hubbard	3	10	60
✓ Yellow Bush	3	10	60
✓ Summer Crookneck	3	10	60
✓ Fordhook	3	10	60
✓ Boston Marrow	3	10	60
✓ American Turban	3	10	60
✓ Winter Crookneck	3	10	60
✓ Mammoth Chili	3	10	60
✓ Orange Marrow	3	10	60
✓ TOMATO—Triumph	3	25	2 50
✓ New Stone	3	25	2 50
✓ Dwarf Champion	3	20	2 25
✓ Acme	3	20	2 00
✓ Perfection	3	20	2 00
✓ Favorite	3	20	2 00
✓ Red Trophy	3	20	2 00
✓ Mikado	3	20	2 00
✓ Golden Queen	3	25	2 50
✓ Ponderosa	3	35	3 50
✓ Aristocrat	3	20	2 00
✓ Atlantic Prize	3	20	2 00
✓ TURNIP—Early Snowball	3	10	60
✓ Purple Top Munich	3	10	60
✓ Purple Top Strap Leaf	3	8	50
✓ White Flat Dutch	3	8	50
✓ Purple Top White Globe	3	8	50
✓ Amber Globe	3	8	50
✓ RUTABAGA—Improved American	3	8	50
✓ Shirvings Purple Top	3	8	50
✓ Long Island Improved	3	8	50
✓ Shamrock	3	8	50
✓ Carter's Imperial	3	8	50

Select List of Choice Flower Seeds.

AT THE UNIFORM PRICE OF 3 PER PACKET.

Ageratum. A useful bedding plant, flowering from June till October; the flowers are lasting, and do not fade in color; blue, height one foot.

Alyssum, Sweet. A charming annual for beds and edgings; flowers white, six inches.

Amaranthus Caudatus, (Love Lies Bleeding). Graceful, dark crimson plumes, of rapid growth and easy culture; very showy and effective.

Asters, Mixed. The world-wide demand for this flower shows its adaptability to any climate, and coming into blossom when most flowers are dying, enhances its value; our mixture is composed of all the leading sorts, and will give undoubted satisfaction.

Carnation, Marguerite. This new and attractive race of double Carnations are particularly valuable, as they come into flower about four months from time of sowing seed. The plants produce a large proportion of double, sweet-scented flowers, varying through all the shades of rose, pink, scarlet, purple, salmon, striped and white.

Centaurea, (Corn Flower.) A very old favorite garden annual, flowering freely in almost any situation, excellent for cutting.

Chrysanthemum, Annual Mixed. Prolific bloomers and should be grown in the garden in large beds, where they will display their bright colors finely, very hardy and will continue



Balsam, Mixed, (Lady's Slipper.) Popular summer flowering annuals, producing a profusion of brilliantly colored blossoms of all shades, from white to purple.

Calendula. Free flowering hardy annuals; very showy and effective.

Calliopsis, Mixed. Handsome hardy annuals of rich bright colors, and most profuse and continuous bloomers.

Candytuft, Mixed. Among the most useful of the hardy annuals; great favorite for beds, edging or pots; the plants are of easy culture and are very free bloomers.

flowering until very late in the fall.

Convolvulus Major, (Morning Glory) The ever popular climber of very rapid growth, and undoubtedly the best annual climber for covering verandas, trellises, etc.

Cypress Vine. Summer climbing annual with feathery foliage and star-shaped flowers, white and red, height from 15 to 20 feet.

Cockscomb. Highly ornamental plants, producing crested heads of flowers, somewhat resembling a cockscomb.



Dahlia, Double and Single Mixed. Although perennials these will bloom freely the same year from the seed, producing flowers of perfect form and of great variety of colors and markings, indispensable for garden decorations.

Dianthus Chinensis, (China Pink.) These in their perfection are surpassed by few garden flowers. Unrivalled in brilliancy of coloring, they bloom so profusely as to almost cover the plant until late in the autumn, rendering them one of the most satisfactory of all annuals for the summer garden.

Emschscholtzia, (California Poppy.) An exceedingly showy class of plants, bearing a profusion of richly colored flowers; are perfectly hardy and will grow in any soil and bloom all summer; will not bear transplanting.

Gaillardia, Mixed. Very beautiful annuals making showy plants one to two feet high, large flowers produced from early summer until frost, splendid for cutting.

Gilia. Profuse blooming and handsome dwarf annuals for massing in flower beds or for rockeries; can be planted at any season.

Godetia, Mixed. Handsome annuals of dwarf, compact growth, bearing freely large flowers of exquisite colors and shades, glistening like satin. These superb annuals are quite hardy and are indispensable where a really fine show is required.

Ice Plant. A very pretty little trailing annual, fine for vases or rockwork. The leaves and stem covered with sparkling ice like globules.

Larkspur, Mixed. Very ornamental free blooming plants of erect branching habit. They are easily cultivated, but give grand results for special at-

tention, are heavy feeders and obtain their best growth on highly manured land.

Lobelia. One of the finest annuals for edgings or for beds, contrasting splendidly with scarlet geraniums and such plants; seed is very small and should be carefully sown in pans and covered very lightly with soil.

Marvel of Peru. Called Four O'Clock from their habit of opening their blossoms at that time in the afternoon, handsome, sweet scented flowers, variegated, striped and various colors.

Marigold, Mixed. This annual is an old favorite, but has been greatly improved within recent years in size and doubleness of its flowers. Bright and showy and only need the slightest care to bloom freely.

Mignonette, (Frenchman's Darling.) No annual is a more general favorite than Mignonette; its modest sweet scented flowers recommend it to everyone; fine for the open border or for indoor pot culture.

Nasturtium, Dwarf Mixed. Beautiful bedding plants, planted in poor soil they bloom profusely for a long time; on rich soil they are apt to run to foliage at the expense of flowers.

Nasturtiums, Tall Mixed. A favorite climber for covering trellises or stone walls, of easy culture, bearing their brilliant flowers in profusion until killed by frost.

Nemophila. These extremely pretty plants are largely cultivated, and are unsurpassed for profusion of bloom. They succeed best in a shady and moist situation.

Nigella, (Love in a Mist.) Very showy in foliage, flowers and seed pods. The flowers are surrounded by a wreath of mossy green fibres, from which its common name, "Love-in-a-Mist" or "Devil-in-the-Bush" arises.

Pansy, Mixed. Till sweet peas took the lead this was undoubtedly the most popular flower; it is too well known to need description. The seed we offer is saved from the finest flowers of the leading strains, and contains every variety of color and marking.

Petunia, Mixed. Well known very ornamental plants, blooming freely and continually. They do well in garden or green house and will thrive in any kind of soil, but the richer the soil the better the effect produced.

Phlox, Drummondii, Mixed. For

beds and massing nothing can surpass these beautiful annuals. They produce immense trusses of brilliant flowers of various colors, lasting throughout the summer. No annual will more amply repay any care bestowed upon it.

Portulaca. Charming dwarf plants for dry, sunny situations, flowering profusely during the hottest weather.

Poppy, Mixed. Exceedingly showy annuals, making a gorgeous display in the flower garden. Seed should be kept from forming to secure continuous flower-nig; very easy culture; will not bear transplanting.

Scabiosa, (Mourning Bride.) Plants of close growing habit, bearing a profusion of globe shaped double flowers of all shades; very attractive.

Stocks. Well known and much admired plants, very useful for cutting and prized for their delightful fragrance, diversity of color and great beauty.

Sunflower. This old and popular favorite is greatly in demand for shrubbery and border decoration, their bright golden flowers being in full beauty throughout the fall months.

Sweet Peas. See Special list.



Verbena, Mixed. Very beautiful, flowering profusely either as pot plants or in the garden. Finer results and more stocky plants are obtained from seed than from cuttings.

Zinnia, Mixed. One of the most brilliant annuals and has long been a popular favorite; its beautiful dahlia like flowers adapt it to any situation in the gardens; as a display flower it is unsurpassed.

SPECIAL.

Any ten varieties of flower seeds quoted above, your own selection, for 25c.

SWEET PEAS.

The Choicest of the Large Flowering Varieties.

America—Bright cardinal and white striped.

Blanch Burpee—Large white.

Blanche Ferry—Pink and white, very early.

Blushing Beauty—Delicate pink.

Boreaton—Deep maroon.

Butterfly—White, edged and shaded with blue.

Cardinal—Bright cardinal.

Coquette—Violet and primrose.

Countess the New—Clear Lavender.

Cupid—White, dwarf.

Dorothy Tennant—Deep rose mauve.

Duchess of York—Pale pink, white striped.

Duke of Clarence—Bright rosy claret
Emily Eckford—Rose purple, suffused blue.

Fairy Queen—White pencilled throat.

Golden Gate—Shaded pinkish lavender

Gray Fryar—Marble purple on white
Gaiety—Purplish pink and white striped.

Lady Beaconsfield—Salmon and primrose.

Lemon Queen—Pale lemon and blush white.

Maid of Honor—White, edged blue

Mars—Bright crimson scarlet.

Modesty—Pale blush.

Mrs. Gladstone—Soft light pink.

Mrs. Sankey—Almost pure white.

Orange Prince—Light orange, pink, small.

Ovid—Light carmine, laced rose.

Primrose—Pale primrose yellow.

Princess May—Light lavender.

Princess of Wales—Light Blue and mauve, striped white.

Princess Victoria—Scarlet and crimson.

Queen Victoria—Pale primrose.

Ramona—Blush and white striped.

Red Riding Hood—Rose wings, undeveloped standard.

Royal Rose—Shaded deep rose and pink.

Salopian—Deep crimson scarlet.

Senator—Purple maroon and white striped.

Stanley—Deep maroon.

Venus—Salmon and buff, shaded pink.

Mixed—A mixture of all the above.

GRAND SPECIAL OFFER.

For 25 Cents,

We will send you, postpaid, any 10 packets of seed that you select from this catalogue.

For 50 Cents,

We will send you, postpaid, any 22 packets.

For \$1.00,

We will send you, postpaid, 45 packets, your own selection, of Flower or Vegetable Seeds.

Remember that all Seeds are guaranteed true to name and are of superior vitality, and any packets that fail to give satisfaction will be replaced Free of Charge.

TESTIMONIALS.

A FEW SELECTED FROM DIFFERENT STATES.

ALABAMA—I have tried your Garden Seeds and find that they give great satisfaction.—A. J. BETTIS, Clarke Co.

CALIFORNIA—Your Seeds are the best I ever had, being true to name and of excellent quality. Your Hunderfold Pea has no superior. It is the sweetest I have had, and very prolific.—E. J. BAKER, Humbolt Co.

CANADA—We are highly pleased with last year's Seeds; never had so good a garden before.—JOHN LUNDY, Manitoba.

ILLINOIS—I never used any better Seeds.—MRS. A. ADAMS, Shelby Co.

IOWA—I have been well satisfied; every seed grows.—MRS. MUZZY, Jones Co.

KANSAS—Have used your Seeds for two years, and they can't be beat.—MRS. N. A. PIERCE, Marshall Co.

MARYLAND—I have used your Seeds for three years, and have found none better.—PERCY PULLEN, Prince George Co.

MICHIGAN—I have planted your Seeds two years in succession and found them true to name; it seemed every seed grew.—W. GRANGER, Kalamazoo Co.

THE "AUTO-SPRAY."



The climax of all sprayers; combines every conceivable point of excellence, including economy, durability, low price and ease in carrying and operating.

IT IS FULLY PROTECTED BY PATENTS.

A few strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. This means that the "Auto-Spray" can be charged in fifteen seconds, when it will work uninterruptedly long enough to spray a quarter-acre of potatoes.

The "Auto-Spray" is the most suitable machine manufactured for small fruits, potatoes, and for use as a FIRE EXTINGUISHER. It may also be used in spraying small orchards, and we have known of one case where it was used to spray 1,200 trees in one season.

It is made in both galvanized steel and brass. We can also furnish extension pipes, two feet long, made of either material; and by the aid of three of these pipes, and our new spraying attachment, a spray can be thrown to the height of 27 feet.

BEAR IN MIND that all machines are sent on approval, subject to inspection, and FULLY WARRANTED.

PRICES:

Auto Spray No. 1, Galvanized Steel Tank,	\$4.50
Auto-Spray No. Brass Tank,	6.00

EXTRAS:

Extension Pipes, 2 feet lengths, Galvanized Steel, Brass Ends,	\$.30
Extension Pipes, 2 feet lengths, Solid Brass	.35
Elbow Connection, Solid Brass,	.35
Safety Valve, Solid Brass,	.25
Anti-fire (one charge for Auto-Spray No. 1 or No. 2,	.75